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STATE OF UTAH

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF WATER RIGHTS

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STATE ENGINEER

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DEPUTY

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SOUTH CENTRAL OFFICE
STANLEY GREEN
AREA ENGINEER

January 8, 1974

Mr. Ben Kjar, Chairman
Lower San Pitch River
Distribution System
Manti, Utah 84642

RE: Assessment Method
Lower San Pitch River System

Dear Mr. Kjar:

At the meeting with the Lower San Pitch River Committee on December 5, 1973, it was concluded that I would make a sample calculation of the assessment based on the following:

1. Half of the assessment would be based proportionally on the acreage served as has been previously determined and adjusted.
2. Half of the assessment would be based proportionally on the quantity of water measured to the users between March 1 and October 31.
3. There will be a minimum assessment of \$5.00.

Attached are three sheets of calculations using figures from the River Commissioner's Reports for 1971 and 1972.

Page 1 shows the quantities of water measured to the users and the proportion as percent that each user receives of the total measured. The irrigation period is March 1 to October 31, as was agreed. You will note that the percentage varies with the supply of water; for example, Gunnison Irrigation Company was delivered 43,467 acre-feet in 1971, which was 57.732% of the total, while in 1972, the 33,801.8 acre-feet constituted 66.142% of the total.

The second and third pages show the calculation of a sample assessment using the data from 1971 and 1972. You can compare the last assessment in the second column of figures against the proposed figures in the last column of each page. Mayfield Irrigation Company was assessed \$424.33 in 1971 and 1972. Under the proposal, they would have paid \$438.15 in 1972 and \$386.02 in 1973, based on the data from 1971 and 1972, respectively.

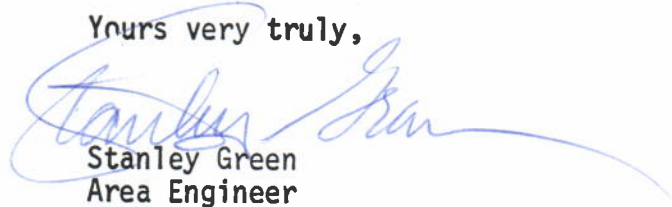
The committee must decide if they wish to waive part of the assessment to

Mr. Ben Kjar, Chairman
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Gunnison-Fayette Canal Company. This has been \$424.33, and under the new system would have been \$320.99. A review of the system financial accounts indicates that the difference could be waived without jeopardizing your financial standing.

I trust that this summary will be of assistance to you. If I can be of any help, please contact me at this Division.

Yours very truly,



Stanley Green
Area Engineer

SG:pd

Enclosure

cc: J. Neil Neilson
Raymond Jensen
Gayle Hansen
Ray P. Cox
Clyde R. Olsen
Erwin Roberts
John McIntosh
Donald C. Norseth ✓

LOWER SAN PITCH RIVER SYSTEM
DISTRIBUTION OF IRRIGATION WATER
MARCH 1 - OCTOBER 31

page 1 of 3

NAME	1971 ACRE-Ft	1971 % OF TOTAL	1972 ACRE-Ft	1972 % OF TOTAL
Ephraim-Olsen	2177.6	2.892	175.0	0.342
Price	3013.6	4.003	1392.2	2.724
Drainage District				
W. Drain. Canal	4782.4		1369.6	
E. Drain. Canal	698.0		438.0	
Total	5480.4	7.279	1807.6	3.537
Carl Braithwaite	534.2	.710	421.0	.824
Sterling Irr. Co.				
Unnamed Ditch	422.2		196.8	
3 Ditches	2602.2		2794.2	
Total	3024.4	4.017	2991.0	5.853
N. Six-Mile Irr. Co.	5086.6	6.756	2512.6	4.917
Mayfield Irr. Co.				
North Ditch	1704.0		1114.0	
Indian Farm	694.5		362.6	
Spaniard	694.5		362.6	
City Ditch	344.8		151.6	
Old Mayfield	2815.2		1508.0	
New Mayfield	2639.8		1143.4	
Anderson D.	448.2		257.6	
Total	9341.0	12.406	4899.8	9.588
Gunnison Irr. Co.				
Larson	784.8		695.4	
City	1901.0		1885.4	
Highland	7734.2		5617.0	
Newfield	7897.6		6208.8	
Lee	1401.2		523.8	
Old Field	23748.2		18871.4	
Total	43467.0	57.732	33801.8	66.142
Gunnison-Fayette Canal Co.	3165.8	4.205	3103.8	6.073
	75290.6	100.000	51104.8	100.000

SG 1-4-74

LOWER SAN PITCH RIVER SYSTEM
ASSESSMENT FOR COSTS OF DISTRIBUTION
1971 Asses DISTRIB. PROPOSED 1971 Asses. 1971 Asses. PROPOSED TOTAL

ST. No.	NAME	ACRES	1971 Asses DISTRIB. SMEN T	FACTOR	(Average)	1971	(Flow)	ASSESS.
1	Stanley Price	452.0	31.97	.0086606	15.72	4.003	74.06	89.78
2A	Clayton Peterson	264.58	19.02	.0051525	9.37			9.37
2B & E	Harry Mosher	243.30	17.12	.0046378	8.42			8.42
2C	Kenneth B. Sorenson	30.23	1.90	Min.	5.00			5.00
2D	Henry T. Anderson	24.46	1.90	Min.	5.00			5.00
2F & 1	George L. Sorenson	56.43	4.04	Min.	5.00			5.00
2	Alonso Hansen	49.37	3.33	Min.	5.00			5.00
2H	Eliza H. Larsen	3.99	0.24	Min.	5.00			5.00
3	Floyd K. Olsen	1243.0	87.91	.0238148	43.22	2.892	53.50	96.72
4	Gunnison Irr. Co.	1400	1983.50	.5373301	975.27	57.732	1068.04	2043.31
5	San Pitch R. Dr. Dist.	3881.8	274.53	.0743701	134.98	7.279	134.66	269.64
6	Gunnison-Fayette	3000.	424.33	.1149507	208.64	4.205	77.79	286.43
8	Mayfield Irr. Co.	3000.	424.33	.1149507	208.64	12.406	229.51	438.15
9	Tom Yardley	49.1	6.95	Min	5.00			5.00
10	Donald Olsen	35.9	5.08	Min.	5.00			5.00
11	N. Six Mile Irr. Co	1265.1	178.94	.0484748	87.98	6.756	124.99	212.97
12	Sterling Irr. Co.	1135.8	160.65	.0435200	78.99	4.017	74.31	153.30
13	Manti Irr. & Res. Co.	3500	74.26	.020117	36.51			36.51
	Carl Braithwaite	104.36	(14.77)	.0040011	7.26	.710	13.14	20.40
					1850.00		1850.00	3700.00

Basis for Assessment:

1. Half of costs based on acreage served as adjusted.
2. Half of costs based on measured flows to users March 1 to Oct. 31.
3. Minimum assessment of \$500

541-4-74

LOWER SAN PITCH RIVER SYSTEM ASSESSMENT FOR COSTS OF DISTRIBUTION

Acct. No.	NAME	ACRES	1972 ASSES SMEN T	DISTIB. FACTOR	PROPOSED ASSESS.	1972 % Flow	PROPOSED ASSESS.	TOTAL PROPOSED
1	Stanley Price	452.0	31.97	.0086606	(Acreage) 15.72	2.724	(Flow) 50.39	ASSESS. 66.11
2A	Clayton Peterson	264.58	19.02	.0051525	9.37			9.37
2B/E	Harry Mosher	243.30	17.12	.0046378	8.42			8.42
2C	Kenneth B. Sorenson	30.23	1.90	Min.	5.00			5.00
2D	Henry T. Anderson	24.46	1.90	Min.	5.00			5.00
2E/1	George L. Sorenson	56.43	4.04	Min.	5.00			5.00
2G	Alonso Hansen	49.37	3.33	Min.	5.00			5.00
2H	Eliza H. Larsen	3.99	0.24	Min.	5.00			5.00
3	Floyd K. Olsen	1243.0	87.91	.0238148	43.22	0.342	6.33	49.55
4	Thurmon Irr. Co.	14000	1983.50	.5373301	975.27	66.142	1223.63	2198.90
5	San Pitch R. Dr. Dist.	3881.8	274.53	.0743701	134.98	3.537	65.44	200.42
6	Gunnison-Fayette	3000.	424.33	.1149507	208.64	6.073	112.35	320.99
8	Magfield Irr. Co.	3000.	424.33	.1149507	208.64	9.568	177.38	386.02
9	Tom Yardley	49.1	6.95	Min.	5.00			5.00
10	Donald Olsen	35.9	5.08	Min.	5.00			5.00
11	N. Six Mile Irr. Co.	1265.1	178.94	.0484748	87.98	4.917	90.96	178.94
12	Sterling Irr. Co.	1135.8	160.65	.0435200	78.99	5.853	108.28	187.27
13	Manti Irr. & Res. Co.	3500	74.26	.020117	36.51			36.51
	Carl Braithwaite	104.36	(14.77)	.0040011	7.26	0.824	15.24	22.50
					1850.00		1850.00	3700.00

Basis For Assessment:

1. Half of costs based on acreage served as adjusted.
2. Half of costs based on measured flows to users March 1 to Oct. 31.
3. Minimum assessment of \$500

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